



SATURDAY, JANUARY 17, 1908

LIVE STOCK

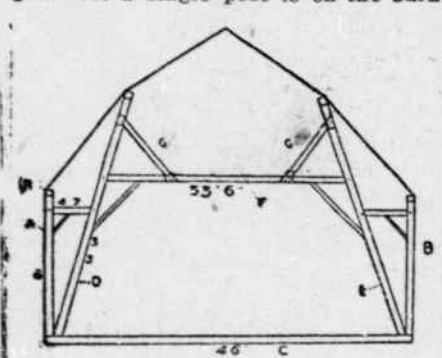


A GOOD BARN FRAME.

Here is a Plan by Which All Posts Are Kept from the Floor Space.

The following excellent plan for a barn frame was recently submitted by Mr. Adam Roth, of Ontario, to the Canadian Farmers' Advocate:

"Because of its slanting purline posts, this plan is commonly called the bridge beam. In most of the barns the posts are vertical. Too many upright posts in a barn floor are a hindrance, especially in small barns built when timber is plentiful. According to the proposed plan not a single post is on the barn



PLAN OF BARN FRAME.

floor. A team and wagon is able to be turned at any spot.

"Not only is a barn constructed in this way more convenient, but also stronger. A frame made on the square basis is more apt to give to one side. Supposing we wanted to prop up something heavy, say a sawmill, we would not put a square under it, but a triangle. The slant purline posts serve the same purpose as do the slant ends of a bridge. We read a great deal of barns blowing down or being broken down by snow. The storms are becoming more and more severe as the forests are cut down, and the thinner the forests the weaker the timber used; thus we want to give each foot of lumber its proper place, where it has the greatest opportunity to resist pressure, and also place timber where it is most needed. The times are past when oak, pine and beech logs two feet in diameter and 30 or 40 feet long were used.

"The timber used in this plan is 10x10 throughout the whole frame. The end posts A and B are 18 feet long; the bottoms of the posts are framed into the ends of C and D; the purline posts are 33 feet long, and are slightly grooved in C to prevent them from slipping at the bottom. It is necessary that C be one long log, or if in two pieces they must be well joined, so as to hold the bottoms of D and E firm. F, the cross beam, is 33 feet six inches long. This beam is kept firm by double braces at the bottom; these braces should be about eight feet long. G and H are two plank draw braces, inlaid in D and F and E; then two bolts put through at each end. By having G G fastened in this way they have a double purpose, both as braces and draw-braces. The rafters are two feet apart and 16 feet long. The rafters only reach to the top of the plate marked H. Short rafters, 18 inches long, are nailed against the others, with a four-inch rise at the bottom. After the sheeting and shingles are put on the end roof has a bell shape appearance.

"The three or four inner beams of the barn should be made on the above plan, while the outside ones have to be made with upright purlines in order to nail on the sheeting."

STOCK SUGGESTIONS.

When fed dry, shelled corn is more economical than corn meal to feed to fattening hogs.

Desirable breeding qualities in a herd are fixed by a long time of careful selection and breeding.

A sheep adapted to every section and to every breeder's surroundings cannot be grown in the same animal.

When an all-corn ration is fed to growing pigs the muscles of the body do not develop to their normal size.

To secure the best results care should be taken to feed the hogs according to age, conditions and time of marketing.

In selecting breeding stock it is an item to know whether they are from a family noted for fertility, as this is an inherited quality.

Do not think that rough usage will cure a horse of the shying habit. He soon associates the one with the other and becomes hard to control.

House the Sheep Early.

I begin feeding early as a shrinkage in the fall is double loss. A little feed in the early winter will produce substantial gains, while the lack of it will result in a decided loss. There is no time in the year that you get more for your grain than in the early winter.

Keep the flock sheltered from all storms at this season, putting them in the barn merely to shelter them from the wind and storms and not to keep them warm. Keep all doors open, yet avoid drafts. This keeps the barn at nearly the same temperature as the outdoor air. Keep the sheep dry and prevent drafts and you need not worry about the cold.—D. D. Deeds, in Farm and Home.

linseed-meal three times a week will "loosen the hide," and the animal will soon show the effects of such an addition to the food. If the bowels are affected by the linseed-meal reduce the supply.—Midland Farmer.

RAISING CALVES.

Method of Feeding Which Has Been Adopted by Many Successful Stockmen.

Some of the most painstaking and successful calf raisers begin by giving the calf only a pint of the first milk that comes every few hours for several days. After the first week skim milk for half ration is mixed with new milk, increasing each time the amount of whole milk. The milk should always be fed warm, at 100 degrees, that being blood heat, and then there is no checking in the process of digestion.

By the time the calf is a month old it is allowed to eat some very nice, fine hay or rowen. The hay has a tendency to regulate the bowels and prevent scours, a disease dreaded by calf raisers. If the bowels are constipated, give the milk at a lower temperature; if too loose, give the milk as hot as the calf will drink it. If diarrhoea is troublesome, diminish the amount of milk, feed it very warm and give two raw eggs at each feeding. If the eggs fall, which they rarely do, give a teaspoonful of castor oil, and the same of olive oil, with a teaspoonful of paraffin mixed in a pint of hot milk. Follow the oils with a teaspoonful of pulverized chalk in each feed of milk until the symptoms disappear.—Farm Star.

HANDY HOG SCALDER.

Vat Containing Two Compartments Will Prove the Most Convenient.

Those who follow the old-fashioned practice of slaughtering hogs will find a scalding tank on the following plan very convenient, says B. F. Sutherland, in Orange Judd Farmer. If a vat is used, make it large enough so that it may be divided into two compartments. Near the bottom of the partition wall bore a two-inch sugar hole, fit it with a plug slotted at the end to admit of the hinging of a wooden bar to it by means of a pin or bolt. The wooden bar should be long enough to reach from the bottom of the vat a few inches above the top of the tank. Hinge the bar to the floor of the vat, pin it into the slotted plug, and open or close the vent by simply working the lever. Two barrels may be connected by a short pipe and operated in the same way. Then, if there is no water heater, the rocks or old iron sometimes used may all be placed in one compartment, and the hot water drawn off in the desired quantity. It saves removing the iron from the scalding compartment and cooling the water unnecessarily. Keep the heating compartment full and draw off water as needed.

CATCHING A HOG.

Simple Device Which Makes the Task a Comparatively Easy One.

A hog is one of the hardest animals to catch, secure and work with. The device shown in cut saves me much trouble and the hog much excitement. Take a piece of round wood about 3 ft. long and bore two 3-8-in. holes through at a and b, so that they will be about 6 in. apart. Fasten one end of a piece of No. 14 or 15 bare wire in the hole at a, and pass the other end through the hole at b. Make a loop in the end at c and the holder is complete. To operate, get the wire loop in hog's mouth, resting the stick on top of the snout, and quickly pull up tight on the loop. After a few struggles the largest hog will simply stand and squeal and you can put through at each end. By having G G fastened in this way they have a double purpose, both as braces and draw-braces. The rafters are two feet apart and 16 feet long. The rafters only reach to the top of the plate marked H. Short rafters, 18 inches long, are nailed against the others, with a four-inch rise at the bottom. After the sheeting and shingles are put on the end roof has a bell shape appearance.

BAD TRICK IN COLTS.

The Habit of Straddling the Halter Strap and How It May Be Overcome.

It is very annoying to find a colt or horse with one of his forefeet over the rope or halter strap when he goes to the manger to eat his food. Yet he must have a good long strap allowance made or he cannot lie down without danger of choking or hanging himself. Of course one must know just what condition the horses are in before leaving them for the night—in comfortable beds and a good feed at night. If the animal shows a tendency to throw a foot over the hitching strap, procure a block of wood—oak or something substantial enough to be heavy. Make it about one foot long by six or seven inches square. Bore a hole through one end and put the halter strap through an auger hole in the manger, securing it to the block, after passing it through the hole at the end of the block. Then when the colt raises his foot he will strike it against the block and will eventually learn not to raise his feet unnecessarily.—Agricultural Epitomist.

Breaking the Cribber.

It is claimed that by nailing a strip of sheepskin about eight inches in width the entire length of the manger, selecting a skin covered with long wool and sprinkling it freely with cayenne pepper and renewing it occasionally, the worst cribber may be cured of the habit.

Many Gardens in Vienna.

More than five-eighths of the area of Vienna is covered by woods, vineyards, parks and gardens.

Melancholy Days.

The melancholy days are here; Of joy they're totally bereft. Once more your winter clothes appear, And you get what the moths have left.

—Washington Star.

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FATTENING TURKEYS.

Some Hints for Preparing the Birds for the Market—What to Feed Them.

When selling dressed poultry, it always pays to have as plump, nice-looking carcasses as can possibly be obtained. The producer thus not only obtains higher prices, but his reputation is enhanced and his market made surer for future years. Turkeys are no exception to the rule. Any by shutting them up and feeding them properly, the poorest specimens may be brought into a fine condition for marketing in a month or two. Some have found that barley meal and corn meal, mixed half and half, is a most excellent ration for fattening fowls, especially if it be fed fresh at each meal, with no more given than the turkeys will eat up clean. It is the opinion of the writer, however, that more variety is better. Accordingly, he would suggest that boiled potatoes, mashed and mixed with meal, with some skimmed milk added, be fed moderately warm and to substitute for the lack of insects, have some kind of animal food, of which nothing is cheaper or more desirable than butchers' scraps, stirred into it. At least once a day good sound corn one year old, should also be given; new corn is too loosening to be used. No more of this than of the mash, however, should be thrown out than the birds can be induced to eat up clean and that their flesh may look bright and present a neat appearance, they should have all the water they want to drink. Turkeys that have got their growth and are in fair condition, may be fattened for market in a few weeks if they are confined and well fed and watered every day.—Agricultural Epitomist.

Leaves in the Hen House.

If you do not think the chickens enjoy a scratch among leaves in the winter just throw some leaves into the poultry house, then scatter some whole grains of corn, oats or wheat among these leaves and you will see some lively scratching and hear some cheerful chattering going on in a little while.—Inland Poultry Journal.

Feather-Eating Chickens.

The feather-eating chicken can only be cured of this pernicious habit by isolating it until this morbid desire for such fluffy delicacies has been forgotten. Of course such treatment can only be considered where a bird is a specimen of rare value. Common stock had better be sacrificed to the block.—Inland Poultry Journal.

Distantly Related.

"And who are you, my dear?" asked Methuselah, as a little girl appeared at the door of his tent and wished him many happy returns of his latest birthday anniversary.

"Don't you know me, grandpa?" she said. "I'm the greatest granddaughter you've got."

Thereupon the old man took his little relative, 37 generations removed, under his knee and told her she mustn't mind his forgetfulness—he couldn't possibly keep track of all of them.—Chicago Tribune.

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